

| L Number | Hits   | Search Text   | DB    | Time stamp          |
|----------|--------|---|-------|---------------------|
| 5        | 32     | '5073433'   | USPAT | 2003/04/17<br>15:29 |
| 6        | 20     | '5403669'   | USPAT | 2003/04/17<br>15:30 |
| 7        | 12     | '5520516'   | USPAT | 2003/04/17<br>15:32 |
| 8        | 5      | '5743013'   | USPAT | 2003/04/17<br>15:33 |
| 9        | 6      | '6047539'   | USPAT | 2003/04/17<br>15:37 |
| 10       | 1      | '6432487'   | USPAT | 2003/04/17<br>15:39 |
| 11       | 1      |   | USPAT | 2003/04/17<br>15:37 |
| 12       | 1      |   | USPAT | 2003/04/17<br>15:37 |
| 13       | 1      |   | USPAT | 2003/04/17<br>15:37 |
| 14       | 1      |   | USPAT | 2003/04/17<br>15:38 |
| 15       | 1      |   | USPAT | 2003/04/17<br>15:38 |
| 16       | 1      |   | USPAT | 2003/04/17<br>15:38 |
| 17       | 1      |   | USPAT | 2003/04/17<br>15:38 |
| 18       | 1      |   | USPAT | 2003/04/17<br>15:38 |
| 19       | 32     | '5073433'   | USPAT | 2003/04/17<br>15:48 |
| 20       | 1      |   | USPAT | 2003/04/17<br>15:40 |
| 21       | 425    | 416/241B.ccls.  | USPAT | 2003/04/17<br>15:48 |
| 22       | 5      | 416/241B.ccls. and (microcrack or macrocrack)   | USPAT | 2003/04/17<br>16:01 |
| 23       | 10     | '5830586'   | USPAT | 2003/04/17<br>15:53 |
| 24       | 59     | 416/241B.ccls. and \$crack  | USPAT | 2003/04/17<br>16:01 |
| 25       | 54     | (416/241B.ccls. and \$crack) not (416/241B.ccls. and (microcrack or macrocrack))  | USPAT | 2003/04/17<br>15:59 |
| 26       | 21     | '4377371'   | USPAT | 2003/04/17<br>16:01 |
| 27       | 59     | 416/241B.ccls. and \$crack  | USPAT | 2003/04/17<br>16:01 |
| 28       | 16     | 416/241B.ccls. and (microcrack or macrocrack)   | USPAT | 2003/04/17<br>16:02 |
| 29       | 11     | (416/241B.ccls. and (microcrack or macrocrack)) not (416/241B.ccls. and (microcrack or macrocrack))   | USPAT | 2003/04/17<br>16:05 |
| 30       | 133649 | 428/\$.ccls.  | USPAT | 2003/04/17<br>16:06 |
| 31       | 10664  | 428/\$.ccls. and (crack or microcrack or macrocrack)  | USPAT | 2003/04/17<br>16:06 |
| 32       | 180    | (428/\$.ccls. and (crack or microcrack or macrocrack)) and 'thermal barrier'  | USPAT | 2003/04/17<br>16:06 |
| 33       | 160    | ((428/\$.ccls. and (crack or microcrack or macrocrack)) and 'thermal barrier') not (416/241B.ccls. and \$crack)   | USPAT | 2003/04/17<br>16:06 |
| 34       | 151    | ((428/\$.ccls. and (crack or microcrack or macrocrack)) and 'thermal barrier') not (416/241B.ccls. and \$crack) not (416/241B.ccls. and (microcrack or macrocrack)) | USPAT | 2003/04/17<br>16:44 |
| 35       | 81547  | 427/\$.ccls.  | USPAT | 2003/04/17<br>16:44 |
| 36       | 5863   | 427/\$.ccls. and (microcrack or macrocrack or crack)  | USPAT | 2003/04/17<br>16:44 |
| 37       | 141    | (427/\$.ccls. and (microcrack or macrocrack or crack)) and 'thermal barrier'  | USPAT | 2003/04/17<br>16:45 |

|    |       |  |                      |                     |
|----|-------|--|----------------------|---------------------|
| 38 | 96    | ((427/\$.ccls. and (microcrack or macrocrack or crack)) and 'thermal barrier') not (((428/\$.ccls. and (crack or microcrack or macrocrack)) and 'thermal barrier') not (416/241B.ccls. and \$crack)) not (416/241B.ccls. and (microcrack or macrocrack)))  | USPAT                | 2003/04/17<br>16:59 |
| 39 | 1613  | (crack or microcrack or macrocrack) and zirconia   | EPO; JPO;<br>DERWENT | 2003/04/17<br>16:59 |
| 40 | 0     | ((427/\$.ccls. and (microcrack or macrocrack or crack)) and 'thermal barrier') not (((428/\$.ccls. and (crack or microcrack or macrocrack)) and 'thermal barrier') not (416/241B.ccls. and \$crack)) not (416/241B.ccls. and (microcrack or macrocrack))) and 'thermal barrier'  | EPO; JPO;<br>DERWENT | 2003/04/17<br>17:00 |
| 41 | 13    | ((crack or microcrack or macrocrack) and zirconia) and 'thermal barrier'   | EPO; JPO;<br>DERWENT | 2003/04/17<br>17:02 |
| 42 | 14    | ((crack or microcrack or macrocrack) and zirconia) and vertical  | EPO; JPO;<br>DERWENT | 2003/04/17<br>17:03 |
| 43 | 12    | ((crack or microcrack or macrocrack) and zirconia) and vertical) not (((crack or microcrack or macrocrack) and zirconia) and 'thermal barrier')  | EPO; JPO;<br>DERWENT | 2003/04/17<br>17:04 |
| 44 | 2972  | (crack or microcrack or macrocrack) and vertical   | US-PGPUB             | 2003/04/17<br>17:05 |
| 45 | 10372 | crack or microcrack or macrocrack  | US-PGPUB             | 2003/04/17<br>17:05 |
| 46 | 26    | ((crack or microcrack or macrocrack) and vertical) and 'thermal barrier'   | US-PGPUB             | 2003/04/17<br>17:09 |
| 47 | 899   | (crack or microcrack or macrocrack) with vertical  | USPAT                | 2003/04/17<br>17:09 |
| 48 | 182   | ((crack or microcrack or macrocrack) with vertical) and (ceramic or zirconia)  | USPAT                | 2003/04/17<br>17:10 |
| 49 | 170   | ((crack or microcrack or macrocrack) with vertical) and (ceramic or zirconia)) not (((428/\$.ccls. and (crack or microcrack or macrocrack)) and 'thermal barrier') not (416/241B.ccls. and \$crack)) not (416/241B.ccls. and (microcrack or macrocrack)))  | USPAT                | 2003/04/17<br>17:10 |
| 50 | 164   | ((crack or microcrack or macrocrack) with vertical) and (ceramic or zirconia)) not (((428/\$.ccls. and (crack or microcrack or macrocrack)) and 'thermal barrier') not (416/241B.ccls. and \$crack)) not (416/241B.ccls. and (microcrack or macrocrack))) not (((427/\$.ccls. and (microcrack or macrocrack or crack)) and 'thermal barrier') not (((428/\$.ccls. and (crack or microcrack or macrocrack)) and 'thermal barrier') not (416/241B.ccls. and \$crack)) not (416/241B.ccls. and (microcrack or macrocrack))))  | USPAT                | 2003/04/17<br>17:10 |
| 51 | 163   | ((crack or microcrack or macrocrack) with vertical) and (ceramic or zirconia)) not (((428/\$.ccls. and (crack or microcrack or macrocrack)) and 'thermal barrier') not (416/241B.ccls. and \$crack)) not (416/241B.ccls. and (microcrack or macrocrack))) not (((427/\$.ccls. and (microcrack or macrocrack or crack)) and 'thermal barrier') not (((428/\$.ccls. and (crack or microcrack or macrocrack)) and 'thermal barrier') not (416/241B.ccls. and \$crack)) not (416/241B.ccls. and (microcrack or macrocrack)))) not ((416/241B.ccls. and \$crack) not (416/241B.ccls. and (microcrack or macrocrack))) | USPAT                | 2003/04/17<br>17:10 |
| -  | 8     | '6102656'  | USPAT                | 2003/04/17<br>13:48 |
| -  | 10    | '5780171'  | USPAT                | 2003/04/17 15:11    |